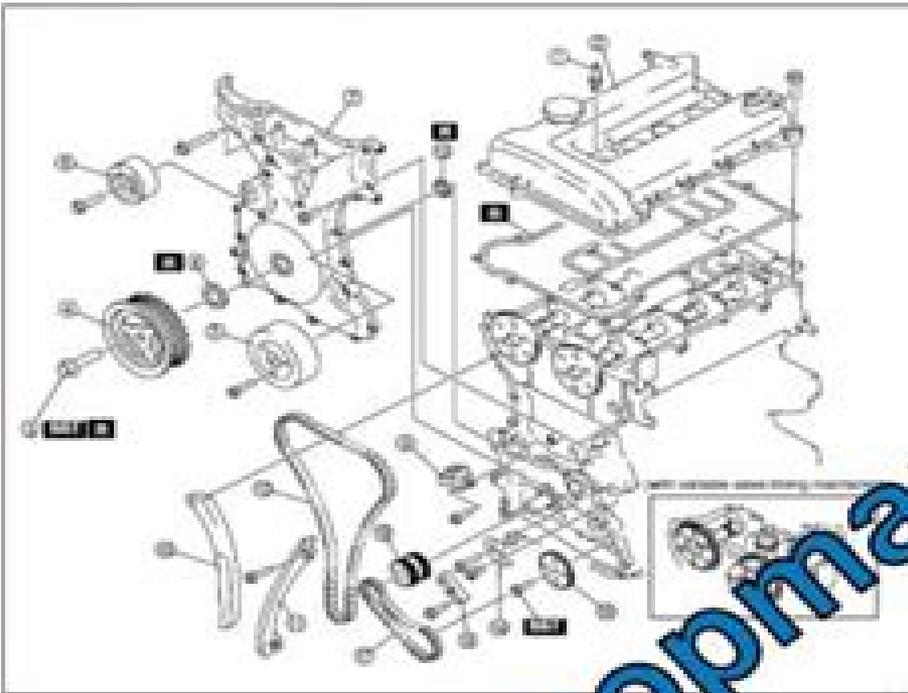


# Mazda Premacy 1999-2004 Workshop Manual

## MECHANICAL

### TIMING CHAIN DISASSEMBLY

1. Disassemble in the order indicated in the table.



1	Timing plug
2	Crankshaft seal cover
3	Crankshaft pulley lock bolt (See 01-10-11 Crankshaft Pulley Lock Bolt Disassembly Note.)
4	Crankshaft pulley
5	Water pump pulley
6	Exhaust side pulley (without sprocket)
7	Engine Seal cover
8	Front oil seal (See 01-10-4 Front Oil Seal Disassembly Note.)

9	Oil pump sprocket (See 01-10-11 Oil Pump Sprocket Disassembly Note.)
10	Oil pump chain guide
11	Oil pump chain
12	Crankshaft sprocket

Crankshaft Pulley Disassembly Note  
1. Mark the crankshaft pulley with SST.

## MECHANICAL

- Using a suitable screwdriver or equivalent tool, unlock the chain tensioner ratchet.
- Turn the exhaust camshaft clockwise using a suitable wrench on the cast housing and loosen the timing chain.
- Placing the suitable tool (80 x 1.0 Length 25-26 mm (0.9-1.3 in)) at the engine front cover upper blind plug, secure the chain guide at the position where the tensioner is released.



7. Mark the crankshaft pulley using a suitable screwdriver or wrench as shown in the figure.

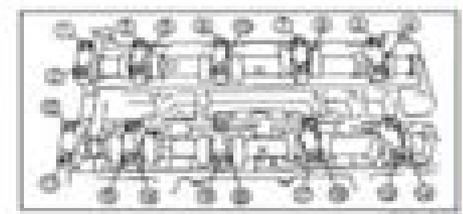


8. Remove the exhaust camshaft sprocket.



9. Loosen the camshaft cap bolts in several places in the order shown in the figure.

- Note**
- The cylinder head and the camshaft caps are numbered to make sure they are reassembled in their original position. When removed, keep the caps with the cylinder head they were removed from. Do not mix the caps.



- Remove the camshaft.
- Remove the tappet.
- Select proper adjustment wire.

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**J Rink**



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